

# MALAYSIAN METEOROLOGICAL DEPARTMENT

Keeping citizens in the know, whatever the weather.

## Solution components

### Hardware

Lenovo Scalable Infrastructure (LeSI)

- Lenovo NeXtScale System M5 with Water Cool Technology
- Lenovo NeXtScale nx360 M5 compute nodes with Intel® Xeon® E5 processor family and Intel Omni-Path switches

Lenovo System x GPFS Storage Server

### Software

Altair PBS Works

IBM Spectrum Scale

Red Hat Enterprise Linux

Weather Research and Forecasting

### Services

Lenovo Installation Services

Lenovo Hardware and Software Support

Services for 6 years



Lenovo



[Case Study](#)

*“Because we can run longer-term, more detailed forecasts than before, we’re delivering a better, more reliable weather service to Malaysia.”*

*—Dr. Wan Azli B Wan Hassan, Deputy Director General (Strategic & Technical), Malaysian Meteorological Department*

Generating weather forecasts and prediction models requires lots of computing power. With a powerful Lenovo Scalable Infrastructure (LeSI) equipped with Intel® Xeon® E5 processors, the Malaysian Meteorological Department can deliver longer-term, more detailed forecasts than ever before.

